

PCT

RAW SEQUENCE LISTING  
PATENT APPLICATION: US/09/720,529

DATE: 07/05/2001  
TIME: 15:41:37

Input Set : A:\BB-1118-A Seq List.txt  
Output Set: N:\CRF3\07032001\I720529.raw

3 <110> APPLICANT: E. I. du Pont de Nemours and Company  
5 <120> TITLE OF INVENTION: Chromatin Associated Proteins  
7 <130> FILE REFERENCE: BB-1118-A  
C--> 9 <140> CURRENT APPLICATION NUMBER: US/09/720,529  
C--> 10 <141> CURRENT FILING DATE: 2000-06-04  
12 <150> PRIOR APPLICATION NUMBER: 60/092,841  
W--> 13 <151> PRIOR FILING DATE: July 14, 1998 1998-07-14  
15 <160> NUMBER OF SEQ ID NOS: 8  
17 <170> SOFTWARE: Microsoft Office 97

Does Not Comply  
Corrected Diskette Needed

## ERRORED SEQUENCES

497 <210> SEQ ID NO: 8  
498 <211> LENGTH: 501  
499 <212> TYPE: PRT  
500 <213> ORGANISM: Arabidopsis thaliana  
502 <400> SEQUENCE: 8  
503 Met Asp Thr Gly Gly Asn Ser Leu Ala Ser Gly Pro Asp Gly Val Lys 15  
504 1 5 10 15  
506 Arg Lys Val Cys Tyr Phe Tyr Asp Pro Glu Val Gly Asn Tyr Tyr Tyr 30  
507 20 25 30  
509 Gly Gln Gly His Pro Met Lys Pro His Arg Ile Arg Met Thr His Ala 45  
510 35 40 45  
512 Leu Leu Ala His Tyr Gly Leu Leu Gln His Met Gln Val Leu Lys Pro 60  
513 50 55 60  
515 Phe Pro Ala Arg Asp Arg Asp Leu Cys Arg Phe His Ala Asp Asp Tyr 80  
516 65 70 75 80  
518 Val Ser Phe Leu Arg Ser Ile Thr Pro Glu Thr Gln Gln Asp Gln Ile 95  
519 85 90 95  
521 Arg Gln Leu Lys Arg Phe Asn Val Gly Glu Asp Cys Pro Val Phe Asp 110  
522 100 105 110  
524 Gly Leu Tyr Ser Phe Cys Gln Thr Tyr Ala Gly Gly Ser Val Gly Gly 125  
525 115 120 125  
527 Ser Val Lys Leu Asn His Gly Leu Cys Asp Ile Ala Ile Asn Trp Ala 140  
528 130 135 140  
530 Gly Gly Leu His His Ala Lys Lys Cys Glu Ala Ser Gly Phe Cys Tyr 160  
531 145 150 155 160  
533 Val Asn Asp Ile Val Leu Ala Ile Leu Glu Leu Leu Lys Gln His Glu 175  
534 165 170 175  
536 Arg Val Leu Tyr Val Asp Ile Asp Ile His His Gly Asp Gly Val Glu 190  
537 180 185 190  
539 Glu Ala Phe Tyr Ala Thr Asp Arg Val Met Thr Val Ser Phe His Lys 205  
540 195 200 205  
542 Phe Gly Asp Tyr Phe Pro Gly Thr Gly His Ile Gln Asp Ile Gly Tyr 220  
543 210 215 220  
545 Gly Ser Gly Lys Tyr Tyr Ser Leu Asn Val Pro Leu Asp Asp Gly Ile

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546	225	230	235	240												
548	Asp	Asp	Glu	Ser	Tyr	His	Leu	Leu	Phe	Lys	Pro	Ile	Met	Gly	Lys	Val
549					245			250							255	
551	Met	Glu	Ile	Phe	Arg	Pro	Gly	Ala	Val	Val	Leu	Gln	Cys	Gly	Ala	Asp
552						260			265					270		
554	Ser	Leu	Ser	Gly	Asp	Arg	Leu	Gly	Cys	Phe	Asn	Leu	Ser	Ile	Lys	Gly
555						275			280				285			
557	His	Ala	Glu	Cys	Val	Lys	Phe	Met	Arg	Ser	Phe	Asn	Val	Pro	Leu	Leu
558						290			295				300			
560	Leu	Leu	Gly	Gly	Gly	Tyr	Thr	Ile	Arg	Asn	Val	Ala	Arg	Cys	Trp	
561						305			310			315			320	
563	Cys	Tyr	Glu	Thr	Gly	Val	Ala	Leu	Gly	Val	Glu	Val	Glu	Asp	Lys	Met
564						325			330				335			
566	Pro	Glu	His	Glu	Tyr	Tyr	Glu	Tyr	Phe	Gly	Pro	Asp	Tyr	Thr	Leu	His
567						340			345				350			
569	Val	Ala	Pro	Ser	Asn	Met	Glu	Asn	Lys	Asn	Ser	Arg	Gln	Met	Leu	Glu
570						355			360				365			
572	Glu	Ile	Arg	Asn	Asp	Leu	Leu	His	Asn	Leu	Ser	Lys	Leu	Gln	His	Ala
573						370			375			380				
575	Pro	Ser	Val	Pro	Phe	Gln	Glu	Arg	Pro	Pro	Asp	Thr	Glu	Thr	Pro	Glu
576						385			390			395			400	
578	Val	Asp	Glu	Asp	Gln	Glu	Asp	Gly	Asp	Lys	Arg	Trp	Asp	Pro	Asp	Ser
579						405			410			415				
581	Asp	Met	Asp	Val	Asp	Asp	Asp	Arg	Lys	Pro	Ile	Pro	Ser	Arg	Val	Lys
582						420			425			430				
584	Arg	Glu	Ala	Val	Glu	Pro	Asp	Thr	Lys	Asp	Lys	Asp	Gly	Leu	Lys	Gly
585						435			440			445				
587	Ile	Met	Glu	Arg	Gly	Lys	Gly	Cys	Glu	Val	Glu	Val	Asp	Glu	Ser	Gly
588						450			455			460				
590	Ser	Thr	Lys	Val	Thr	Gly	Val	Asn	Pro	Val	Gly	Val	Glu	Ala	Ser	
591						465			470			475			480	
593	Val	Lys	Met	Glu	Glu	Gly	Thr	Asn	Lys	Gly	Gly	Ala	Glu	Gln	Ala	
594						485			490				495			
596	Phe	Pro	Pro	Lys	Thr											
597						500										
E-->	598	10														

VERIFICATION SUMMARY  
PATENT APPLICATION: US/09/720,529

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L:9 M:270 C: Current Application Number differs, Replaced Application Number  
L:10 M:271 C: Current Filing Date differs, Replaced Current Filing Date  
L:13 M:256 W: Invalid Numeric Header Field, Wrong Prior FILING DATE:YYYY-MM-DD  
L:341 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:5  
L:341 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5  
L:345 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:5  
L:345 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5  
L:346 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:5  
L:346 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5  
L:347 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:5  
L:347 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6  
L:371 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:6  
L:371 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6  
L:386 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:6  
L:386 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6  
L:389 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:6  
L:389 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8  
L:598 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:8